

Appl. No. 09/475,206

BEST AVAILABLE COPY**Amendments to the Claims:**

This listing of claims will replace all prior versions, and listings, of claims in the application.

Listing of Claims:

Claim 1 (currently amended) A broadband residential gateway located at a customer premises and connected to an Internet Protocol based packet network supporting Internet Protocol telephony service, said broadband residential gateway comprising:

multiple ports identified by at least one designation element,

at least one end user device connected to each port,

a transceiver,

a processing unit, wherein said processing unit provides a greeting and routes a signal received by said transceiver from said Internet Protocol based packet network to one of said multiple ports selected by an end user using said greeting,

wherein said broadband residential gateway displays or announces an identity of said one of said multiple ports selected by said end user.

Claims 2-3 (canceled)

Claim 4 (currently amended) The broadband residential gateway end-user interface of claim 1, wherein said processing unit provides a message after said greeting.

Claim 5 (currently amended) The broadband residential gateway end-user interface of claim 4, wherein said greeting and said message are customized.

Claim 6 (currently amended) The broadband residential gateway end-user interface of claim 4, wherein said broadband residential gateway end-user interface stores multiple greetings and messages and said processing unit selectively provides said greeting and message from said multiple greetings and messages.

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Claim 7 (currently amended) The broadband residential gateway end-user interface of claim 1, wherein said at least one end user device provides a distinct alert.

Claim 8 (currently amended) The broadband residential gateway end-user interface of claim 7, wherein said distinct alert is a distinctive ring.

Claim 9 (cancelled)

Claim 10 (currently amended) The broadband residential gateway end-user interface of claim [[9]] 1, wherein said identity includes one or more of a group comprising a name, number or tone.

Claim 11 (cancelled)

Claim 12 (currently amended) The broadband residential gateway end-user interface of claim 1, wherein said at least one end user device includes one or more POTS telephones or Internet Protocol telephones or digital telephones.

Claim 13 (currently amended) The broadband residential gateway end-user interface of claim 1, wherein said designation element is a directory number.

Claim 14 (currently amended) A broadband residential gateway located at a customer premises and connected to an Internet Protocol based packet network supporting Internet Protocol telephony service, said broadband residential gateway comprising:

multiple ports identified by multiple designations with at least one end user device connected to each port,

a processing unit which provides a greeting and, upon receiving a signal including one of said multiple designations from said Internet Protocol based packet network, said

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processing unit routes said signal to one of said multiple ports depending on a port selected by an end user using said greeting, and

a transceiver,

wherein said broadband residential gateway displays or announces an identity of said one of said multiple ports selected by said end user.

Claims 15-16 (cancelled)

Claim 17 (currently amended) The broadband residential gateway end-user interface of claim 14, wherein said processing unit provides a message after said one of said multiple ports is selected.

Claim 18 (currently amended) The broadband residential gateway end-user interface of claim 17, wherein said greeting and said message are customized.

Claim 19 (currently amended) The broadband residential gateway end-user interface of claim 17, wherein said broadband residential gateway end-user interface stores multiple greetings and messages and said processing unit selectively provides said greeting and message from multiple greetings and messages.

Claim 20 (currently amended) The broadband residential gateway end-user interface of claim 14, wherein said at least one end user device provides a distinct alert.

Claim 21 (currently amended) The broadband residential gateway end-user interface of claim 20, wherein said distinct alert is a distinctive ring.

Claim 22 (cancelled)

Claim 23 (currently amended) The broadband residential gateway end-user interface of claim ~~[[22]]~~ 14, wherein said identity includes one or more of a group comprising a name, number or tone.

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Claim 24 (cancelled)

Claim 25 (currently amended) The broadband residential gateway end-user interface of claim 14, wherein said at least one end user device includes one or more POTS telephones or Internet Protocol telephones or digital telephones.

Claim 26 (currently amended) The broadband residential gateway end-user interface of claim 14 wherein said designation is a directory number.

Claim 27 (currently amended) A method of associating a directory number with multiple ports on a broadband residential gateway located at a customer premises and connected to an Internet Protocol based packet network supporting Internet Protocol telephony service, said method comprising the steps of:

mapping said directory number with said multiple ports on said broadband residential gateway end-user interface,
receiving an incoming call from said Internet Protocol based packet network,
providing a greeting,
selecting a port using said greeting, and
directing said incoming call to said selected port,
wherein each of said multiple ports includes a unique identity and displaying or announcing said unique identity of said selected port.

Claim 28 (currently amended) The method of claim 27 further comprising the step[[s]] of:

alerting to said incoming call using a distinctive alert associated with said selected port.

Claim 29 (cancelled)

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Claim 30 (previously presented) The method of claim 27 further comprising the step of:

providing a message after the greeting.

Claim 31 (original) The method of claim 30 wherein said greeting and said message are customized.

Claim 32 (original) The method of claim 30 further comprising the step of:
selecting said greeting and said message from multiple greetings and messages.

Claim 33 (cancelled)

Claims 34 – 43 (cancelled)

Claim 44 (cancelled)

Claim 45 (cancelled)